

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run On: August 4, 2003, 13:46:02 ; Search time 18 Seconds  
(without alignments)  
578,248 Million cell updates/sec

Title: US-09-931-836-2  
Perfect score: 1367  
Sequence: 1 MLWRQLIYMWLLALFFLPFC.....LHGDRHSTFAGFLLETK 246

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*\*
- 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*\*
- 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*\*
- 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*\*
- 5: /cgn2\_6/ptodata/1/1aa/PTUS\_COMB.pep:\*\*
- 6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	246	4	US-09-552-225A-2
2	1311	95.9	246	4	US-09-552-225A-12
3	582	42.6	105	3	US-09-188-930-147
4	582	42.6	105	3	US-09-188-930-280
5	582	42.6	105	4	US-09-312-283C-147
6	582	42.6	105	4	US-09-312-283C-280
7	319	23.3	285	4	US-09-312-283C-382
8	316	23.1	294	3	US-09-188-930-294
9	296.5	21.7	260	4	US-09-312-283C-294
10	296.5	21.7	260	4	US-09-489-847-198
11	294	21.5	247	2	US-09-489-847-349
12	294	21.5	247	2	US-08-463-911-2
13	294	21.5	247	4	US-09-776-976-4
14	294	21.5	247	4	US-09-909-547-4
15	293.5	21.5	244	4	US-09-530-423-2
16	293.5	21.5	244	4	US-08-463-911-7
17	293.5	21.5	244	3	US-09-140-804-3
18	293.5	21.5	244	4	US-09-336-536-20
19	293.5	21.5	244	4	US-09-530-423-1
20	293.5	21.5	244	4	US-09-686-838B-3
21	293.5	21.5	244	4	US-09-911-176B-48
22	293.5	21.5	244	4	US-09-552-225A-3
23	293.5	21.5	244	4	US-09-619-740-51
24	293.5	21.5	244	4	US-09-776-976-6
25	293.5	21.5	244	4	US-09-909-547-6
26	293.5	21.5	244	4	US-09-569-852B-6
27	293	21.4	247	4	US-09-776-976-2

28	293	21.4	247	4	US-09-909-547-2	Sequence 2, Appli
29	290.5	21.3	259	4	US-09-996-243-47	Sequence 47, Appli
30	287	21.0	247	3	US-09-140-804-8	Sequence 8, Appli
31	287	21.0	247	3	US-09-118-408-3	Sequence 3, Appli
32	287	21.0	247	4	US-09-506-855-3	Sequence 3, Appli
33	287	21.0	247	4	US-09-686-838B-8	Sequence 8, Appli
34	287	21.0	247	4	US-09-911-176B-3	Sequence 3, Appli
35	287	21.0	247	4	US-09-619-740-3	Sequence 3, Appli
36	287	21.0	247	4	US-09-506-852-3	Sequence 3, Appli
37	274	20.0	246	2	US-08-463-911-4	Sequence 4, Appli
38	273	20.0	746	4	US-09-370-838-185	Sequence 185, App
39	264.5	19.3	228	4	US-09-336-536-4	Sequence 4, Appli
40	264.5	19.3	243	3	US-09-140-804-2	Sequence 2, Appli
41	264.5	19.3	243	4	US-09-336-536-3	Sequence 3, Appli
42	264.5	19.3	243	4	US-09-686-838B-2	Sequence 2, Appli
43	255	18.7	245	4	US-09-552-225A-4	Sequence 4, Appli
44	254.5	18.6	243	4	US-09-336-536-10	Sequence 10, Appli
45	252.5	18.5	228	4	US-09-336-536-11	Sequence 11, Appli

ALIGNMENTS

RESULT 1  
US-09-552-225A-2  
; Sequence 2, Application US/09552225A  
; Patent No. 6521233  
; GENERAL INFORMATION:  
; APPLICANT: Piddington, Christopher S.  
; APPLICANT: Bishop, Paul  
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3  
; FILE REFERENCE: 99-09  
; CURRENT APPLICATION NUMBER: US/09/552,225A  
; PRIOR FILING DATE: 2000-04-19  
; PRIOR APPLICATION NUMBER: 60/130,199  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 246  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-552-225A-2

Query Match		100.0%	Score 1367;	DB 4;	Length 246;
Best Local Similarity		100.0%	Pred. No. 6.6e-130;		
Matches		246;	Conservative	0;	Mismatches
				0;	Indels
				0;	Gaps
Qy	1	MLWRQLIYMWLLALFFLPFC	CODEYMESPTGG	LPDSCSKCHG	YSFRGYGGPPPG 60
Db	1	MLWRQLIYMWLLALFFLPFC	CODEYMESPTGG	LPDSCSKCHG	YSFRGYGGPPPG 60
Qy	61	PCGIPGNHNGNNGATG	HEGAKGKGDGL	PCRGCRGQHGPKG	KGKGYGPIPELQIAF 120
Db	61	PCGIPGNHNGNNGATG	HEGAKGKGDGL	PCRGCRGQHGPKG	KGKGYGPIPELQIAF 120
Qy	121	MASLATHFSNQSGI	FFSVETNIGNFF	DMVMTGRGAPV	SGVYFFTFSSMKHEDVEEVV 180
Db	121	MASLATHFSNQSGI	FFSVETNIGNFF	DMVMTGRGAPV	SGVYFFTFSSMKHEDVEEVV 180
Qy	181	YLMHNGTTFVMSY	SEMKGKSDTSS	NHVLKAKGDEV	WLRMGALHGDHQRFTFAGF 240
Db	181	YLMHNGTTFVMSY	SEMKGKSDTSS	NHVLKAKGDEV	WLRMGALHGDHQRFTFAGF 240
Qy	241	LLFETK	246		
Db	241	LLFETK	246		

RESULT 2  
US-09-552-225A-12  
; Sequence 12, Application US/09552225A  
; Patent No. 6521233